

Technical Data Sheet for Renew-Crete® Bond Coat

1. PRODUCT NAME

Renew-Crete® Bond Coat

"A Co-Polymer-Modified Overlay patching and leveling compound and bonding agent."

2. MANUFACTURER

Renew-Crete® Systems, Inc.
2020 Murrell Rd. Rockledge, Fl. 32955
PHONE (321) 636-8882
TOLL FREE (888) 287-8962
FAX (321) 636-7343

3. PRODUCT DESCRIPTION

Renew-Crete® Bond Coat is a one component, high performance blend of high quality Portland Cement, modified Co-Polymers, Silica Sand and Iron Oxide Pigments. It is designed for maximum Strength, flexibility, adhesion, abrasion resistance, and freeze/thaw resistance. By having all of the necessary ingredients pre-blended in a controlled environment, proper ratios of Co-Polymer to cement, and cement to silica sand is consistent, which promotes product uniformity, and because of the unusual characteristics of this formulation, it may be used for many different applications.

Advantages

- Superior Adhesion
- Abrasion Resistant
- Maximum Flexibility
- Extended Set Time
- UV Stable
- May be Chemically Stained
- From Featheredge to several inches in thickness
- Enhances job productivity and reduces job-site errors.
- Superior for patching and leveling concrete
- Initial cure in 1 hour (based on 1/32 inch)
- Superior bond strength.

Benefits

- *Non-shrink for maximum adhesion and durability*
- *Resistant to freeze thaw and automotive vehicular traffic*
- *Thermal expansion similar to concrete*
- *Easy to trowel, broom, squeegee or spray apply to achieve desired finish*
- *Superior bond strength on cured to cured, or fresh to cured concrete.*
- *Works on vertical as well as horizontal surfaces*
- *One component: just add water.*
- *Moisture insensitive after initial cure.*

Basic Uses

Renew-Crete® Bond Coat is widely used to resurface and restore existing concrete surfaces. The Renew-Crete® surface restoration system provides an attractive appearance to irregular, worn and damaged concrete surfaces.

Use For

Concrete Bonding
Patching / Leveling and Repairing
Broomed / Textured finishes

Commercial / Residential
Industrial
Interior and exterior

Mix Ratio: 1-45 Lb. Pail/Bag Re-Coat to 1-1/2 gallons clean cool water.

4. TECHNICAL DATA

Compressive Strength 28 Days Air Cure 6450 psi	Impact Strength (IN-BS.) 28 Days Air Cure 20
Tensile Strength 28 Days Air Cure 890 psi	Abrasion Resistance % Weight Loss 28 Days Air Cure 1.15
Flexural Strength 28 Days Air Cure 2665 psi	Shear Bond 28 Days Air Cure 2560 psi
Coverage (Approximately) 140 sq. ft. at 1/32" 35 sq. ft. at 1/4"	70 sq. ft. at 1/16" 40 sq. ft. at 3/8"
Thermal Compatibility Scaling	5 cycles no delaminating 25 cycles, none

***Testing results from an Independent Laboratory**
*The information contained herein is based on data believed to be reliable, but Renew-Crete Systems, Inc. makes no warranties expressed or implied as to it's accuracy and assumes no liability arising out of it's use by others.